

FIGURE 1

Absorption Spectrum of size-tunable PbS nanocrystals.

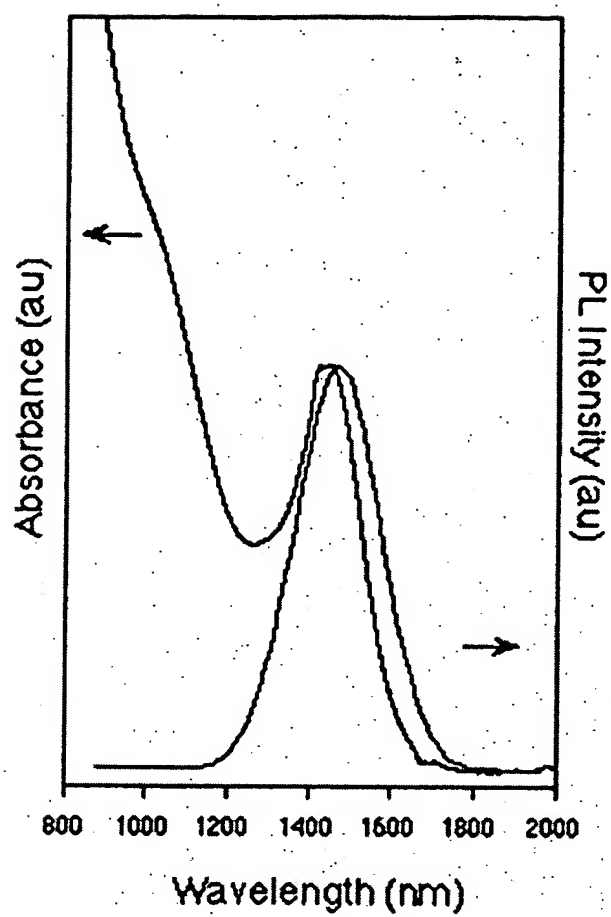


FIGURE 2

Absorption (left) and PL (right) spectra of PbS nanocrystals ~ 6.5 nm in diameter.

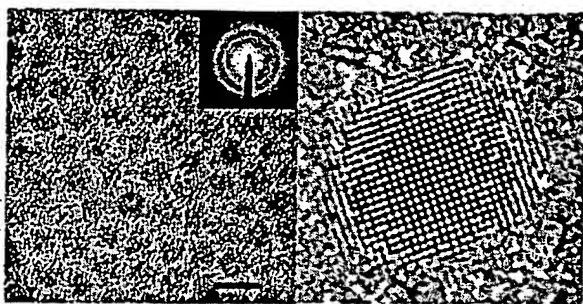


FIG. 3a

FIG. 3b

HRTEM images of PbS nanocrystals. The materials are highly crystalline as indicated by the close-up image of a single particle on the right. The spacings on the rings of the SADP correspond to the crystal structure of bulk PbS.